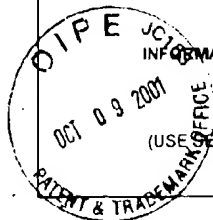


FORM PTO-1449

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
PAD	1.	4,107,121	08/15/1978	Stoy			
PAD	2.	4,895,566	01/23/1990	Lee			
PAD	3.	4,917,686	04/17/1990	Bayston et al			
PAD	4.	4,952,419	08/28/1990	De Leon et al.			
PAD	5.	5,103,306	05/07/1991	Solomon et al.			
PAD	6.	5,593,827	01/14/1997	Bycroft et al.			
PAD	7.	5,612,184	03/18/1997	Rosson			
PAD	8.	5,637,113	06/10/1997	Tartaglia et al.			
PAD	9.	5,658,748	08/19/1997	Mayra Mäkinen et al			
PAD	10.	5,788,979	08/04/1998	Alt et al			
PAD	11.	5,902,283	05/11/1999	Darouiche et al.			
PAD	12.	5,925,552	07/20/1999	Keogh et al.			
PAD	13.	6,117,485	09/12/2000	Woodhall et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
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PAD	14	WO 98/13328	04/02/98	PCT	Abstract only			✓
PAD	15	WO 98/40346	09/17/98	PCT	Abstract only			✓
PAD	16	WO 98/58075	12/23/98	PCT				
PAD	17	WO 99/00349	01/07/99	PCT	Abstract only			✓
	18	WO 99/01119	01/14/99	PCT	Full copy not provided		NOT CONSIDERED	
PAD	19	WO 99/29647	06/17/99	PCT	Abstract only			✓
	20	WO 99/47545	09/23/99	PCT	Full copy not provided not considered mis pgs 1-372			
PAD	21	WO 00/11021	03/02/00	PCT	Abstract only			✓

EXAMINER

PATRICIA A. DUFFY

DATE CONSIDERED

5/26/04

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May 10, 2001GROUP
Unknown

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
PAO	22. Adams et al., "The expression of hybrid HIV : Ty virus-like particles in yeast" <u>Nature</u> , Vol. 329, pp. 68-70 (September 3, 1987)
PAO	23. Ahmer et al., "Salmonella typhimurium Encodes an SdiA Homolog, a Putative Quorum Sensor of the LuxR Family, That Regulates Genes on the Virulence Plasmid" <u>Journal of Bacteriology</u> , pp. 1185-1193 (March 1998)
PAO	24. Allart et al., "The catalytic mechanism of adenosylhomocysteine/methylthioadenosine nucleosidase from <i>Escherichia coli</i> : Chemical evidence for a transition state with a substantial oxocarbenium character" <u>Eur. J. Biochem.</u> , 256, pp. 155-162 (1998)
PAO	25. Baines et al., "Purification of Immunoglobulin G (IgG)" <u>Methods in Molecular Biology</u> , Vol. 10. Immunochemical Protocols, Ed. M. Manson (1992)
PAO	26. Bassler et al., "Intercellular signaling in <i>Vibrio harveyi</i> : sequence and function of genes regulating expression of luminescence" <u>Molecular Microbiology</u> , 9(4) 773-786 (1993)
PAO	27. Bassler et al., "Multiple signaling systems controlling expression of luminescence in <i>Vibrio harveyi</i> : sequence and function of genes encoding a second sensory pathway" <u>Molecular Microbiology</u> , 13(2), pp. 273-286 (1994)
PAO	28. Bassler et al., "Intercellular Communication in Marine <i>Vibrio</i> Species: Density-Dependent Regulation of the Expression of Bioluminescence" <u>Two-Component Signal Transduction</u> , pp. 431-445 (1995)
PAO	29. Bassler et al., "Cross-Species Induction of Luminescence in the Quorum-Sensing Bacterium <i>Vibrio harveyi</i> ", <u>Journal of Bacteriology</u> , Vol. 179, No. 12, pp. 4043-4045 (June 1997)
PAO	30. Bassler, "How bacteria talk to each other: regulation of gene expression by quorum sensing" <u>Current Opinion in Microbiology</u> , 2 582-587 (1999)
PAO	31. Bassler et al., "A Multichannel Two-Component Signaling Relay Controls Quorum Sensing in <i>Vibrio harveyi</i> " <u>Cell-Cell Signaling in Bacteria</u> , pp. 259-273 (1999)
PAO	32. Bitter, "Heterologous Gene Expression in Yeast" <u>Methods in Enzymology</u> , Vol. 152, pp. 673-684 (1987)
PAO	33. Bitter et al., "Expression and Secretion Vectors for Yeast" <u>Methods in Enzymology</u> , Vol. 153, pp. 516-544 (1987)
PAO	34. Blattner et al., "The Complete Genome Sequence of <i>Escherichia coli</i> K-12" <u>Science</u> , Vol. 277, pp. 1453-1462 (1997)
PAO	35. Brückner et al., "Regulation of the inducible chloramphenicol acetyltransferase gene of the <i>Staphylococcus aureus</i> plasmid pUB112" <u>The EMBO Journal</u> , Vol. 4 no. 9, pp. 2295-2300 (1985)
PAO	36. Caetano-Anollés, "Amplifying DNA with Arbitrary Oligonucleotide Primers" <u>PCR Methods and Applications</u> , 3:85-94 (1993)
PAO	37. Cheung et al., "Diminished Virulence of a <i>salI</i> agr Mutant of <i>Staphylococcus aureus</i> in the Rabbit Model of Endocarditis" <u>The Journal of Clinical Investigation</u> , Inc., Vol. 94, pp. 1815-1822 (1994)
PAO	38. Conner et al., "Detection of sickle cell β S-globin allele by hybridization with synthetic oligonucleotides" <u>Proc. Natl. Acad. Sci. USA</u> , Vol. 80, pp. 278-282 (January 1983)
PAO	39. Cornell et al., "Characterization of Recombinant <i>Escherichia coli</i> 5'-Methylthioadenosine/S-Adenosylhomocysteine Nucleosidase: Analysis of Enzymatic Activity and Substrate Specificity" <u>Biochemical and Biophysical Research Communications</u> , 228, pp. 724-732, Article No. 1723 (1996)
PAO	40. Cornell and Riscoe, "Cloning and expression of <i>Escherichia coli</i> 5'-methylthioadenosine/S-adenosylhomocysteine nucleosidase (identification of the <i>pfs</i> gene product)" <u>Biochimica et Biophysica Acta</u> 1396, pp. 8-14 (1998)
PAO	41. Devereux et al., "A comprehensive set of sequence analysis programs for the VAX" <u>Nucleic Acids Research</u> , Vol. 12, No. 1, pp. 387-395 (1984)
PAO	42. Dodd et al., "Improved detection of helix-turn-helix DNA-binding motifs in protein sequences" <u>Nucleic Acids Research</u> , Vol. 18, No. 17, pp. 5019-5026 (1990)
PAO	43. Duerre, "A Hydrolytic Nucleosidase Acting on S-Adenosylhomocysteine and 5'-Methylthioadenosine" <u>The Journal of Biological Chemistry</u> , Vol. 237, No. 12 pp. 3737-3741 (December 1962)
PAO	44. Duerre and Miller, "Cleavage of S-Rebosyl-L-Homocysteine by Extracts from <i>Escherichia coli</i> " <u>Journal of Bacteriology</u> , Vol. 91, No. 3, pp. 1210-1217 (1966)
PAO	45. Eberhard et al., "Structural Identification of Autoinducer of <i>Photobacterium fischeri</i> luciferase" <u>Biochemistry</u> , Vol. 20, No. 9, pp. 2444-2449 (1981)
PAO	46. Eberhard et al., "Analogues of the autoinducer of bioluminescence in <i>Vibrio fischeri</i> " <u>Arch. Microbiol.</u> 146 35-40 (1986)
PAO	47. Engebrecht et al., "Bacterial Bioluminescence: Isolation and Genetic Analysis of Functions from <i>Vibrio fischeri</i> " <u>Cell</u> , Vol. 32, pp. 773-781 (1983)
PAO	48. Erion et al., "Purine Nucleoside Phosphorylase 1. Structure-Function Studies" <u>Biochemistry</u> , 36, pp. 11725-11734 (1997)

EXAMINER PATRICIA A. DUFFY	DATE CONSIDERED 5/26/04
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Unknown

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
PAD	49	Freeman and Bassler, "A genetic analysis of the function of LuxO, a two-component response regulator involved in quorum sensing in <i>Vibrio harvey</i> ", <i>Molecular Microbiology</i> , 31(2), pp. 665-677 (1999)
PAD	50	Freeman and Bassler, "Sequence and Function of LuxU: a Two Component Phosphorelay Protein That Regulates Quorum Sensing in <i>Vibrio harvey</i> ", <i>Journal of Bacteriology</i> , Vol. 181, No. 3, pp. 899-906 (February 1999)
PAD	51	Fuqua et al., "Quorum Sensing in Bacteria: the LuxR-LuxI Family of Cell Density-Responsive Transcriptional Regulators" <i>Journal of Bacteriology</i> , pp. 269-275 (January 1994)
PAD	52	Garcia-Lara et al., "An Extracellular Factor Regulates Expression of <i>sdhA</i> , a Transcriptional Activator of Cell Division Genes in <i>Escherichia coli</i> " <i>Journal of Bacteriology</i> , pp. 2742-2748 (May 1996)
PAD	53	Gilson et al., "AinS and a New Family of Autoinducer Synthesis Proteins" <i>Journal of Bacteriology</i> , pp. 6946-6951 (December 1995)
PAD	54	Goodman and Gilman's The Pharmacological Basis of Therapeutics, 7th Ed., Macmillan Publishing Company (1985) Full reference not provided
PAD	55	Goodman & Gilman's The Pharmacological Basis of Therapeutics, 9th Ed., "Chemotherapy of Microbial Diseases", Section IX, pp. 1027-1223 (1996)
PAD	56	Green and Manson, "Production of Polyclonal Antisera" <i>Methods in Molecular Biology</i> , Vol. 10: Immunochemical Protocols Ed.: M. Manson, Ch. 1, pp. 1-5 (1992)
PAD	57	Greenberg et al., "Induction of Luciferase Synthesis in <i>Beneckea harvey</i> by Other Marine Bacteria" <i>Arch Microbiol</i> , 120, pp. 87-91 (1979)
PAD	58	Harlow and Lane, Antibodies - A Laboratory Manual, Cold Spring Harbor Laboratory (1988) Copy of Reference Not Provided.
PAD	59	Hu et al., "Crystal Structure of S-Adenosylhomocysteine Hydrolase from Rat Liver" <i>Biochemistry</i> , 38, pp. 8323-8333 (1999)
PAD	60	Huisman and Kolter, "Sensing Starvation: A Homoserine Lactone-Dependent Signaling Pathway in <i>Escherichia coli</i> " <i>Science</i> , Vol. 265, pp. 537-539 (July 22, 1994)
PAD	61	Jones et al., "Molecular analysis of the operon which encodes the RNA polymerase sigma factor σ^{54} of <i>Escherichia coli</i> " <i>Microbiology</i> , 140, pp. 1035-1043 (1994)
PAD	62	Kaplan et al., "Synthesis of N-[3-OXO-(4,5- ³ H ₂)-Hexanoyl] Homoserine Lactone: Biologically Active Tritium-Labelled <i>Vibrio fischeri</i> Autoinducer" <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> -Vol. XXII, No. 4, pp. 387-395 (1985)
PAD	63	Keen, "Plants and Microorganisms-listening in on the conversation" <i>Nature Biotechnology</i> , Vol. 17, pp. 958-959 (October 1999)
PAD	64	Klose and Mekalanos, "Distinct roles of an alternative sigma factor during both free-swimming and colonizing phases of the <i>Vibrio cholerae</i> pathogenic cycle" <i>Molecular Microbiology</i> , 28(3), pp. 501-520 (1998)
PAD	65	Koelner et al., "Crystal Structure of the Ternary Complex of <i>E. coli</i> Purine Nucleoside Phosphorylase with Formycin B, a Structural Analogue of the Substrate Inosine, and Phosphate (Sulphate) at 2.1 Å Resolution" <i>J. Mol. Biol.</i> , 280, pp. 153-166, Article No. mb981799 (1998)
PAD	66	Köhler and Milstein "Continuous cultures of fused cells secreting antibody of predefined specificity" <i>Nature</i> , Vol. 256, pp. 495-497 (August 7, 1975)
PAD	67	Landergreen et al., "A Ligase-Mediated Gene Detection Technique" <i>Science</i> , Vol. 241, pp. 1077-1080 (August 26, 1988)
PAD	68	Landergreen et al., "DNA Diagnostics-Molecular Techniques and Automation" <i>Science</i> , Vol. 242, pp. 229-237 (October 14, 1998)
PAD	69	Langer, "New Methods of Drug Delivery" <i>Science</i> , Vol. 249, pp. 1527-1533 (September 28, 1990)
PAD	70	Lee and Nathans, "Proliferin Secreted by Cultured Cells Binds to Mannose 6-Phosphate Receptors" <i>The Journal of Biological Chemistry</i> , Vol. 263, No. 7, pp. 3521-3527 (March 5, 1988)
PAD	71	Matoy et al., Genetic Analysis of Pathogenic Bacteria: A Laboratory Manual, Cold Spring Harbor Laboratory Press (1996) Copy Not Provided
PAD	72	Mancini et al., "Cloning and Expression of the <i>Photobacterium phosphoreum</i> Luminescence System Demonstrates a Unique <i>lux</i> Gene Organization" <i>Journal of Biological Chemistry</i> , Vol. 263, No. 28, pp. 14308-14314 (1988)
PAD	73	Manefield et al., "Evidence that halogenated furanones from <i>Delisea pulchra</i> inhibit acylated homoserine lactone (AHL)-mediated gene expression by displacing the AHL signal from its receptor protein" <i>Microbiology</i> , 145, pp. 283-291 (1999)
PAD	74	Manefield et al., "Inhibition of Luminescence of Virulence in the Black Tiger Prawn (<i>Penaeus monodon</i>) Pathogen <i>Vibrio harvey</i> by Intercellular Signal Antagonists" <i>Applied and Environmental Microbiology</i> , Vol. 66, No. 5, pp. 2079-2084 (May 2000)
PAD	75	Mao et al., "The crystal structure of <i>Escherichia coli</i> purine nucleoside phosphorylase: a comparison with the human enzyme reveals a conserved topology" <i>Structure</i> , Research Article, Vol. 5, No. 10, pp. 1373-1383 (1997)

EXAMINER PATRICIA A. DUFFY	DATE CONSIDERED 5/26/04
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Unknown

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
PAO	76.	Marmur, "A Procedure for the Isolation of Deoxyribonucleic Acid from Micro-organisms" <u>J. Mol. Biol.</u> , 3, pp. 208-218 (1961)
PAO	77.	Martin et al., "Identification of a Locus Controlling Expression of Luminescence Genes in <i>Vibrio harvey</i> " <u>Journal of Bacteriology</u> , Vol. 171, No. 5, pp. 2406-2414 (May 1989)
PAO	78.	Miller and Duerre, "S-Ribosylhomocysteine Cleavage Enzyme from <i>Escherichia coli</i> " <u>The Journal of Biological Chemistry</u> , Vol. 243, No. 1, pp. 92-97 (1968)
	79.	Miller, A Short Course in Bacterial Genetics: A Laboratory Manual and Handbook for <i>Escherichia coli</i> and Related Bacteria, Cold Spring Harbor Laboratory Press (1992) COPY NOT PROVIDED
PAO	80.	Nealson and Hastings, "Bacterial Bioluminescence: Its Control and Ecological Significance" <u>Microbiological Reviews</u> , pp. 496-518 (December 1979)
PAO	81.	Otto et al., "Structure of the pheromone peptide of the <i>Staphylococcus epidermidis</i> agr system" <u>FEBS Letters</u> , 424, pp. 89-94 (1998)
PAO	82.	Otto et al., "Inhibition of virulence factor expression in <i>Staphylococcus aureus</i> by the <i>Staphylococcus epidermidis</i> agr pheromone and derivatives" <u>FEBS Letters</u> , 450, pp. 257-262 (1999)
PAO	83.	Payne, "Detection, Isolation, and Characterization of Siderophores" <u>Methods in Enzymology</u> , Vol. 235, pp. 329-344 (1994)
PAO	84.	Plunkett and Ellman, "Combinatorial Chemistry and New Drugs" <u>Scientific American</u> , pp. 69-73, (April 1997)
PAO	85.	Poulska and Lehrach, "Genetic approaches to the cloning modification and characterization of cosmid clones and clone libraries" <u>Choice and use of cosmid vectors</u> , Ch. 3, pp. 57 43-57
PAO	86.	Remington's Pharmaceutical Sciences, 15th Ed. Easton, Mack Publishing Co., pp. 1461-1487 (1975)
PAO	87.	Rosenberg et al., "Vectors for selective expression of cloned DNAs by T7 RNA polymerase" <u>Gene</u> , 56, pp. 125-135 (1987)
PAO	88.	Saiki et al., "A Novel Method for the Detection of Polymorphic Restriction Sites by Cleavage of Oligonucleotide Probes: Application to Sickle-Cell Anemia" <u>Bio/Technology</u> , 3, 1008-1012 (1985)
	89.	Sambrook et al., Molecular Cloning: A Laboratory Manual 2nd Ed., Cold Spring Harbor Laboratory Press (1989) COPY NOT PROVIDED
PAO	90.	Schägger and von Jagow, "Tricine-Sodium Dodecyl Sulfate-Polyacrylamide Gel Electrophoresis for the Separation of Proteins in the Range from 1 to 100 kDa" <u>Analytical Biochemistry</u> , 166, pp. 368-379 (1987)
PAO	91.	Schwyn and Neilands, "Universal Chemical Assay for the Detection and Determination of Siderophores" <u>Analytical Biochemistry</u> , 160, pp. 47-56 (1987)
PAO	92.	Showalter et al., "Cloning and Nucleotide Sequence of <i>luxR</i> , a Regulatory Gene Controlling Bioluminescence in <i>Vibrio harvey</i> " <u>Journal of Bacteriology</u> , Vol. 172, No. 6, pp. 2946-2954 (June 1990)
PAO	93.	Sitnikov et al., "Control of cell division in <i>Escherichia coli</i> : Regulation of transcription of <i>ftsQA</i> involves both <i>rpoS</i> and <i>SdiA</i> -mediated autoinduction" <u>Proc. Natl. Acad. Sci. USA</u> , Vol. 93, pp. 336-341 Microbiology (1996)
PAO	94.	Sizemore et al., "Organization, promoter analysis and transcriptional regulation of the <i>Staphylococcus xylosus</i> xylose utilization operon" <u>Mol Gen Genet</u> , 227, pp. 337-384 (1991)
	95.	Strathern et al., The Molecular Biology of the Yeast <i>Saccharomyces</i>, Cold Spring Harbor Laboratory Press (1982) COPY NOT PROVIDED
PAO	96.	Surette and Bassler, "Quorum sensing in <i>Escherichia coli</i> and <i>Salmonella typhimurium</i> " <u>Proc. Natl. Acad. Sci. USA</u> , Vol. 95, pp. 7046-7050 (1998)
PAO	97.	Surette and Bassler, "Regulation of autoinducer production in <i>Salmonella typhimurium</i> " <u>Molecular Microbiology</u> , 31(2), pp. 585-595 (1999)
PAO	98.	Surette et al., "Quorum sensing in <i>Escherichia coli</i> , <i>Salmonella typhimurium</i> , and <i>Vibrio harvey</i> : A new family of genes responsible for autoinducer production" <u>Proc. Natl. Acad. Sci. USA</u> , Vol. 96, pp. 1639-1644 (February 1999)
PAO	99.	Walker and Duerre, "S-Adenosylhomocysteine Metabolism in Various Species" <u>Can. J. Biochem.</u> , Vol. 53, pp. 312-319 (1975)
PAO	100.	Wang et al., "A factor that positively regulates cell division by activating transcription of the major cluster of essential cell division genes of <i>Escherichia coli</i> " <u>The FEMO Journal</u> , Vol. 10, No. 11, pp. 3363-3372 (1991)
PAO	101.	Yin et al., "Substrate Binding Stabilizes S-Adenosylhomocysteine Hydrolase in a Closed Conformation" <u>Biochemistry</u> , 39, pp. 9811-9818 (2000)

EXAMINER

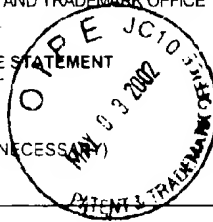
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FOREIGN PATENT DOCUMENTS								
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EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
AD	Lilley et al., <u>Molecular Microbiology</u> , 6(4): 940-954, Blackwell Science Ltd. (May 2000), "Regulation of Quorum Sensing in <i>Vibrio harveyi</i> by LuxO and Sigma-54"
↓	Jose et al., <u>Journal of Bacteriology</u> , 180(19):5256-5259, American Society for Microbiology (October 1998), "Identification of Multiple σ^{54} -dependent Transcriptional Activators in <i>Vibrio cholerae</i> "
↓	Swartman et al., <u>Biochemistry and Cell Biology</u> , 70(8):698-702 (August 1992), <i>Vibrio harveyi</i> RNA Polymerase: Purification and Resolution from gyrase A"
↓	O'Toole et al., <u>Microbiology</u> , 143(12):3849-3859 (1997), "RpoN of the Fish Pathogen <i>Vibrio (Listonella) anguillarum</i> is Essential for Flagellum Production and Virulence by the Water-Borne but not Intraperitoneal Route of Inoculation"
↓	Kayama et al., <u>Journal of Biochemistry</u> , 126(4):1115-1120 (April 2000), "Cloning and Characterization of the Gene Encoding RNA Polymerase Sigma Factor σ^{54} of Deep Sea Piezophilic <i>Shewanella violacea</i> "
↓	Kawagishi et al., <u>Journal of Bacteriology</u> , 179(21):6851-6854, American Society for Microbiology (November 1997), "Cloning of <i>Vibrio alginolyticus</i> rpoN Gene that is Required for Polar Flagellar Formation"

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EXAMINER PATRICIA A. DUFFY	DATE CONSIDERED 5/26/01
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